

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please CANCEL claims 50-53, and ADD new claim 57 in accordance with the following:

1-53. (Cancelled)

54. (Previously Presented) A method comprising:

receiving a digital television signal and auxiliary information which is not included in the digital television signal;

determining category information based on the received auxiliary information; and

searching the digital television signal based on the determined category information.

55. (Previously Presented) The method of claim 54, wherein the category information includes a program title.

56. (Previously Presented) The method of claim 55, wherein a compression ratio is determined based on the category information, and

the received digital television signal is stored in accordance with the determined compression ratio.

57. (New) A method comprising:

receiving a digital television signal and auxiliary information which is not included in the digital television signal;

determining category information based on the received auxiliary information; and

searching the digital television signal based on the determined category information,

wherein the auxiliary information and digital television signal are respectively received by different channels.